Algebra 1

Name_____

Solving Equations Day 2 HW

Date_____ Period_____

1) Ann took a taxi home from the airport. The taxi fare $2.10 per mile, and she gave the driver a tip of $5. Ann paid a total of $49.10.Write an equation to determine how far Ann lives from the airport.

2) A cell phone company charges a monthly rate of $12.95 plus $0.25 per text sent. If a customers bill $21.20 for one month, how many texts did they send?

Solve each equation.

3) $\dfrac{8+k}{7} = 2$

4) $\dfrac{x-4}{10} = 0$

5) $-8 = -8(2+a)$

6) $85 = -(-1-6x)+6x$

7) $6(2n+2)+1 = 97$

8) $5(-7+2n) = -85$

9) $7(-4+4x) = 140$

10) $-131 = -3(1-7x)-5x$

Answers to Solving Equations Day 2 HW

1)

2)

3) $\{6\}$

4) $\{4\}$

5) $\{-1\}$

6) $\{7\}$

7) $\{7\}$

8) $\{-5\}$

9) $\{6\}$

10) $\{-8\}$